

L6 ANSWER 19 OF 40 CA COPYRIGHT 2006 ACS on STN
AN 134:211834 CA
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TI Manufacture of flyash hollow **brick** for building construction
IN Du, Tao; Lu, Zhenqing; Tang, Kuanyu
PA Qingdao Sihai New Type Building Material Co., Ltd., Peop. Rep. China
SO Faming Zhuangli Shenqing Gongkai Shuomingshu, 4 pp.
CODEN: CNXXEV

DT Patent
LA Chinese

IC ICM C04B033-13
ICS C04B033-22

CC 58-6 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1268495	A	20001004	CN 2000-111022	20000420
	CN 1095454	B	20021204		
PRAI	CN 2000-111022		20000420		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CN 1268495	ICM	C04B033-13
	ICS	C04B033-22
	IPCI	C04B0033-13 [ICM,6]; C04B0033-22 [ICS,6]
	ECLA	C04B038/00

AB The process comprises: using clay and **fly ash** (discharged by sea **water**) as raw materials, mixing, crashing, aging for 60-80 h, molding by extruding, drying at <130° for 25-30 h, and **sintering** at 1050-1100° for 72 h, where addition of the **fly ash** is 30-85 weight% (of the clay), and the **water** content of extruded compact is ≤26%.

ST **fly ash** clay hollow **brick** building material

IT Ashes (residues)
(fly, raw material; for manufacture of flyash hollow **brick** for building construction)

IT **Bricks**
Construction materials
(manufacture of flyash hollow **brick** for building construction)

IT Clays, processes